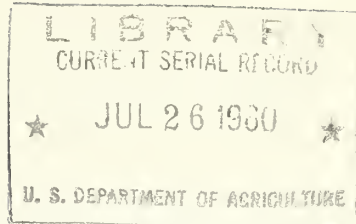


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1957
(July 1, 1956 — June 30, 1957)
REPORT OF
FOREST AND WINDBARRIER PLANTING
UNDERTAKEN
IN THE UNITED STATES



Compiled from information furnished by the State Foresters and other appropriate public officials of each state and federal agency concerned.

U. S. DEPARTMENT OF AGRICULTURE
FOREST SERVICE
WASHINGTON 25, D. C.

1957
REPORT OF FOREST AND WINDBARRIER PLANTING UNDERTAKEN
IN THE UNITED STATES

(July 1, 1956 - June 30, 1957)

Acres planted--fiscal 1957 and before

Tree planting during the fiscal year 1957 (July 1, 1956 to June 30, 1957) as reported by various public agencies, principally the State Foresters, was as follows:

	<u>Acres</u>
Forest plantings	1,139,431
Windbarrier plantings	<u>31,559</u>
Total	1,170,990

This is a new record--higher by nearly 256,000 acres than the previous record set in 1956.

Comparable figures for several of the past years are as follows:

<u>Year</u>	<u>Acres</u>
1957	1,170,990
1956	915,428
1955	812,588
1954	811,066
1953	715,548
1952	522,935
1951	456,368
1950	497,507
1940	519,051
1930	138,970

Because of the increased supply of planting stock available, it is forecast that at least 1 1/2 million acres will be planted in 1958.

The total amount of planting in each State is shown, by class of owners and purpose, in Table 5 of this report. The ten States in which more than 50,000 acres were planted in 1957 are:

	<u>Acres</u>
Florida	218,860
Georgia	91,648
Mississippi	78,729
Louisiana	76,091
Alabama	73,106
South Carolina	65,812
North Carolina	58,779
Oregon	58,202
Michigan	56,262
Pennsylvania	50,706

An analysis of the year's data reveals increases and decreases of planting efforts by the three broad ownership classes as follows:

The Federal government planted 106,467 acres of forest and 1,985 acres of windbarriers in 1957 on lands administered by its various agencies, a total of 108,452 acres. This is approximately 22,500 acres or 26 percent more than in 1956.

The States and other non-Federal public agencies planted 64,449 acres of forest and 195 acres of windbarriers, a total of 64,644 acres. This is approximately 2,000 acres or 3 percent more than in 1956.

Private landowners planted 968,515 acres of forest and 29,379 acres of windbarriers, a total of 997,894 acres. This is about 231,000 acres or 30 percent more than in 1956, but all States did not report increases, as shown below.

In 29 States, plus Hawaii and Puerto Rico, private planting increased by 279,000 acres over 1956. Some of these increases were of extraordinary size, for example:

	<u>Acreage increase in 1957 over 1956</u>
Florida	131,800
North Carolina	25,100
South Carolina	22,900
Alabama	22,400
Louisiana	15,800
Virginia	11,800
Wisconsin	10,900

In 10 States, private planting did not change 10 percent from what it was in 1956.

In 9 States private planting decreased by 50,000 acres. Most of this decrease occurred in two States as a result of unusual nursery production problems. A great upsurge of planting is expected for them next year.

Eighty percent of all the forest planting is being done on privately owned lands. States in which private owners planted more than 20,000 acres in 1957 are:

Acres of privately owned forest planting

Florida	209,737
Georgia	85,170
Louisiana	73,995
Mississippi.....	72,145
Alabama	71,910
North Carolina.....	55,885
South Carolina	53,507
Pennsylvania	50,318
Michigan.....	39,090
Tennessee	36,926
Wisconsin	32,081
Virginia	31,435
New York	27,600
Texas,	23,107
Arkansas	20,350

More than a third of this private land forest planting is being done by industrial organizations on their own lands. In 1957 forest industries planted 310,636 acres, 53,698 acres more than in 1956; and other industries planted 71,957 acres, 25,818 more than in 1956. States in which industries were especially active in reforesting their lands during 1957 are:

Acres reforested by Industry

Florida	94,295
Louisiana	38,740
Georgia	38,121
North Carolina.....	28,451
Alabama	24,510
Pennsylvania	23,894
South Carolina	22,497
Virginia	15,878
Tennessee.....	15,136
Oregon	14,726
Mississippi.....	11,691
Arkansas	11,211

In many States the planting of industry-owned land would increase greatly if planting stock were more abundant. The number of forest-industry-owned nurseries has increased each year. There are now 22 such nurseries in operation, an increase of 4 over 1956, and ten more will make their first shipments in 1958.

Windbarrier planting was reported from 32 States and amounted to 31,559 acres, classed as follows:

	<u>Acres</u>
Federal land	1,985
Other public land	195
Private land	<u>29,379</u>
Total	31,559

This is about 3,800 acres more than was reported in 1956.

The need for windbarriers exists mostly on private lands and as the above figures show, most of this type of planting is done there. The States in which the farmers and ranchers are most active in this form of tree planting are:

	<u>Acres</u>
North Dakota	9,615
South Dakota	8,002
Nebraska	4,365
Kansas	1,558
Colorado	1,066
Washington	928
Total	25,534 acres (81%)
All other windbarrier planting	6,025 acres (19%)

Availability of planting stock

All public and private nurseries together produced 1.1 billion trees in 1957 - a quantity 24 percent greater than any previous year. But this record output was not enough. It is estimated that landowners would have planted between 1 1/2 and 1 3/4 billion trees had they been available. Very few States reported that they were able to fill all orders. Some States, especially in the South had shortages of 50 million or more.

Forest tree nursery activities for 1957 are summarized as follows:

	<u>Active nurseries</u>		<u>Output of trees</u>	
Federal:				
Forest Service	12		106,134,000	
Tennessee Valley Authority....	<u>1</u>		<u>20,970,000</u>	
		13		127,104,000
State:				
State foresters or equivalent ..	<u>92</u>		<u>786,288,000</u>	
		92		786,288,000
Other public:				
Soil Conservation Districts ...	6		8,869,000	
County and municipal.....	<u>4</u>		<u>407,000</u>	
		10		9,276,000
Industry:				
Paper companies	16		83,349,000	
Lumber and land companies ..	<u>6</u>		<u>17,364,000</u>	
		22		100,713,000
Commercial:				
Private companies	<u>53</u>		<u>78,090,000</u>	
		53		78,090,000
Total.....		190		1,101,471,000
(Total 1956)		187		885,968,000

For additional details, see Table 6 of this report and also "Forest Tree Nurseries in the United States--1957," published by the Forest Service, United States Department of Agriculture.

The Federal nurseries that operated in 1957 were the 12 of the Forest Service and one of the Tennessee Valley Authority. Together they produced 127,104,000 trees, in comparison with 141,850,000 in 1956. Most of the Forest Service nursery trees were planted in national forests, but some were planted on lands of the Atomic Energy Commission and flood-control projects, and in a few States on private lands through the cooperative tree distribution programs (C-M4). Nursery stock from the TVA went to private lands through the established programs of that Agency. A TVA nursery in Alabama which closed in 1955 is being reactivated to produce trees for the Soil Bank Conservation Reserve planting program.

The 1957 production of State nurseries was 786,288,000 plants, in contrast to the 1956 production of 580,884,000. The principal producers among the States were:

	<u>Number of trees</u>
Florida	155,272,000
Georgia	78,952,000
Alabama	61,478,000
North Carolina.....	57,471,000
South Carolina.....	55,384,000
Louisiana	42,867,000
Virginia	30,887,000
New York	30,776,000
Mississippi.....	29,517,000
Wisconsin.....	28,851,000
Tennessee	28,628,000
Michigan	<u>26,028,000</u>
Total for 12 States	626,111,000 (80%)
Total for 30 States and Hawaii and Puerto Rico	160,177,000 (20%)

Six States do not operate State nurseries. They purchase their planting stock.

New State nurseries in Colorado, Florida, and Washington shipped trees for the first time in 1957, while a small one of the Kansas Fish and Game Department reported no tree shipments in 1957. Not shown in the above tabulation, because they shipped no trees in 1957, are 1 nursery on a standby basis, 4 producing only wildlife cover stock, and 17 under construction in 15 states. Utah is closing one nursery and opening a new one. Thus the number of State nurseries shipping trees increased from 90 in 1956 to 92 in 1957.

Most of the stock from the State nurseries was produced under the Federal-State cooperative tree distribution program (C-M4). Some of it was planted on State or other non-Federal public lands, but most of it was used on privately owned land, frequently with the help of the Agricultural Conservation Program or the Conservation Reserve portion of the Soil Bank Program.

The demand for additional planting stock created by the Soil Bank's Conservation Reserve program is being met in part by commercial nurseries but largely by increasing the capacities of State nurseries. Twenty-nine State nurseries are being enlarged and 16 additional ones are being built with the help of Soil Bank funds. It is estimated that this additional capacity will supply nearly 400 million additional trees for the 1958 planting year, and 500 million for 1959.

Most of the production from forest industry nurseries goes to company lands, although some is distributed through a variety of company programs to private landowners, often free or nearly free, for planting on their own lands. Four new forest industry nurseries began producing trees in 1957. Two very small ones in Washington did not report. Thus the number now stands at 22. Ten additional industry nurseries that will make their first shipments in 1958 are not included in this tabulation. The production of the 22 forest industry nurseries was 100,713,000 trees in 1957 in contrast to 20 that produced 77,307,000 in 1956 and 15 that produced 46,516,000 in 1955. The expected 32 nurseries might produce 150 or 160 million trees in 1958.

The stock from the Soil Conservation District nurseries all goes to District cooperators. The six previously reported nurseries all continued in operation and produced 6 percent more than they did in 1956.

The commercial nurseries reported a production of 78,090,000 plants for forest and windbarrier planting. They also estimated an additional production of 17 million plants that went into landscape uses, making a total of 95 million plants for this class of nursery. New commercial nurseries have been built in the last few years in Texas, Michigan, Pennsylvania, California, and Oregon. New ones in Montana and Georgia are expected to make their first shipments in 1958.

Direct seeding

Reforestation land by sowing seed directly upon the site, rather than by planting nursery stock, is increasing. The amount of such work is detailed in footnotes to Tables 1, 2 and 3 of this report, and is summarized below:

	<u>Acres</u>
Federal lands	6,450 (in 13 States)
State Forests	8,654 (Washington, Oregon)
Other Public lands	1,323 (Oregon)
Persons' lands.....	20 (Oregon)
Forest Industry lands.....	<u>16,246</u> (Oregon and Louisiana)
Total	32,693
Total for 1956	11,143
Total for 1955	4,679

This increase in area reforested by direct seeding was made possible as a result of the discovery of various chemical compounds which, applied as a coating to the seed prior to sowing, repel the rodents or birds that would otherwise eat it. Actually the idea of direct seeding and of using a repellent to protect the seed from predation is not new, and the search for practical techniques with or without repellents has been carried on for years by various forest experiment stations, State forestry departments, colleges, and private landowners. Until recently, however, the chemicals available have not been consistently satisfactory enough to encourage much of this kind of work.

The protection of newly sown seed from rodents required total elimination of the rodents from the area by baiting. Since repopulation by reinvasion and reproduction occurred rapidly, it was also necessary to treat a buffer strip about 1/4 mile wide around the seeded area, and sometimes also apply a second overall treatment. This technique, although still used satisfactorily in certain situations, is costly, not adapted to small areas, and sometimes fails. Now an endrin-arasan formulation which repels the rodents and thus protects the seed until it germinates, is coming into use.

The protection of seed from birds, often migratory birds that were replaced each day by a new transient flock, has been almost impossible despite various measures to frighten the birds through the use of "shiners," noise makers, dyed seed, and "shot-gun" patrols. Now a new technique, using anthraquinone applied to the seed in an asphalt coating is proving effective with some kinds of seed in some localities.

The discovery of these chemicals and the development of the techniques for their use are the result of research being done by the United States Bureau of Sports Fisheries and Wildlife at its Denver Wildlife Research Laboratory in cooperation with the United States Forest Service and several private persons and corporations.

The use of chemical coatings, however, is not enough, for merely protecting the seed until it germinates does not insure its growth thereafter. To illustrate, the direct seeding of longleaf pine in Louisiana has been quite encouraging since the discovery of anthraquinone, but the results in other states, and with other species of southern pine, have not been entirely satisfactory. Frost, drought, and insects, all kill subsequent seedlings even though the mice or birds originally spared the seed. The development of suitable techniques of site preparation, sowing methods, covering with soil, and the like, must therefore accompany the development of repellents, and research and field trials to test new chemicals and develop improved techniques are under way in various parts of the country. As new chemicals are found and improved techniques develop, the amount of direct seeding is expected to increase.

The development of the bird repellents is also important in nursery work. Some nurseries use elaborate portable screens to protect seedbeds from bird depredations. Such screens are costly to build, maintain, place, and remove, and are a major impediment to weeding and spraying. The chemical repellents have eliminated the screens entirely at a number of nurseries. To illustrate, a nursery in New England applied \$100 worth of anthraquinone with such success that plans for building \$10,000 worth of screens were cancelled.

The job done and to be done

The size of the job to be done, and our rate of progress towards restoring the final ultimate acre cannot be measured definitely. Not all of the acres planted develop into satisfactory stands. Neither does the area in need of planting remain constant, because logging, fire, epidemics, natural seeding, and changing land values all add to or subtract from the plantable areas. Thus, a year-to-year balance with debits, credits, and amounts forwarded, is not possible with planting statistics. The best that can be done is to periodically appraise the situation. An appraisal made in 1953 as a part of the study of the nation's timber resource shows the tree planting job to be done in continental United States at the beginning of fiscal year 1953. This is shown in the following tabulation:

TABLE A

PLANTABLE AREA OF COMMERCIAL AND NON-COMMERCIAL
FOREST LAND AND NEEDED WINDBARRIER PLANTING
IN CONTINENTAL UNITED STATES
AS OF JANUARY 1, 1953

	Commercial forest land	Non-commercial forest land	Windbarrier	Total
<u>Thousands of acres</u>				
New England States	1,228	18	0	1,246
Middle Atlantic States	3,725	2	0	3,727
Lake States	7,651	636	200	8,487
Central States	7,869	402	124	8,395
Plains States	<u>975</u>	<u>448</u>	<u>2,337</u>	<u>3,760</u>
Total, North	21,448	1,506	2,661	25,615
S. Atlantic States	4,081	0	0	4,081
Southeastern States	14,214	0	0	14,214
West Gulf States	<u>3,652</u>	<u>0</u>	<u>0</u>	<u>21,947</u>
Total, South	21,947	0	0	21,947
Pacific Northwest States	2,468	354	10	2,832
California	4,104	3,107	0	7,211
N. Rocky Mountain States	1,169	105	190	1,464
S. Rocky Mountain States	<u>812</u>	<u>375</u>	<u>83</u>	<u>1,270</u>
Total, West	8,553	3,941	283	12,777
Total, Continental U.S.	51,948	5,447	2,944	60,339*

(From Timber Resource Review, chapter IX, A, table 19 review draft)

*Does not include significant amounts of farmland that should be diverted from surplus crops.

TABLE B

AREA OF ACCEPTABLE PLANTATIONS ON COMMERCIAL AND
NON-COMMERCIAL FOREST LAND AND AREA OF
WINDBARRIER IN CONTINENTAL UNITED STATES
AS OF JUNE 30, 1952

An appraisal of the acceptable plantations in continental United States at the beginning of the fiscal year 1953 is given in the following:

	Commercial forest land	Non-Commercial forest land	Windbarrier land	Total
	Thousands of acres			
New England States	159.5	0	0	159.5
Middle Atlantic States	779.9	43.0	0	822.9
Lake States	1,391.3	9.8	22.5	1,423.6
Central States	282.6	22.1	37.0	341.7
Plains States	<u>55.8</u>	<u>12.9</u>	<u>482.4</u>	<u>551.1</u>
Total, North	2,669.1	87.8	541.9	3,298.8
S. Atlantic States	300.4	0	0	300.4
Southeastern States	1,181.5	0	0	1,181.5
West Gulf States	<u>494.8</u>	<u>0</u>	<u>0</u>	<u>494.8</u>
Total, South	1,976.7	0	0	1,976.7
Pacific Northwest States	376.4	0	.7	377.1
California	26.0	5.0	5.0	36.0
N. Rocky Mountain States	114.7	negligible	28.0	142.7
S. Rocky Mountain States	<u>47.2</u>	<u>2.6</u>	<u>13.8</u>	<u>63.6</u>
Total West	564.3	7.6	47.5	619.4
Total Continental U.S.	5,210.1	95.4	589.4	5,894.9

(From Timber Resource Review, chapter IX, A, table 18 review draft)


ROLAND ROTT, Chief
Branch of Tree Planting Cooperation

Table 1

FOREST PLANTING UNDERTAKEN ON FEDERAL LAND (EXCLUSIVE OF WINDBARRIER PLANTING)

July 1, 1956 - June 30, 1957

Areas in acres

State	National Forests			Land Use Project Areas			U. S. Department of Interior Lands and Indian Reservations			Other Federal Lands			Total - Table 1			State
	Current Year	Previous Years	Total	Current Year	Previous Years	Total	Current Year	Previous Years	Total	Current Year	Previous Years	Total	Current Year	Previous Years	Total	
Alabama	651	45,212*	45,863*	-	8,369	8,369	3	2,244	2,247	159	17,899	18,058	813	73,724*	74,537*	Alabama
Arizona	192*	2,765*	2,957*	-	3,976	3,976	-	35	35	-	-	-	192*	6,776	6,968*	Arizona
Arkansas	41	16,227	16,268	-	5,575	5,575	-	313	313	2	1,963	1,965	43	24,078	24,121	Arkansas
California	7,947*	58,207*	66,154*	-	339*	339*	32	307*	307*	-	82	82	7,979*	58,596*	66,575*	California
Colorado	359*	48,507*	48,866*	-	207	207	-	1,252	1,252	-	-	-	359*	69,966*	70,325*	Colorado
Connecticut	-	-	-	-	650	650	-	-	-	-	-	-	-	650	650	Connecticut
Delaware	-	-	-	-	60	60	-	40	40	-	-	-	-	100	100	Delaware
Florida	5,264*	17,340*	22,604*	-	19,184	19,184	-	28	28	650	4,409	5,059	5,914*	40,961*	46,875*	Florida
Georgia	2,013	10,175	15,313*	174	8,335	8,509	-	285	285	171	2,597	2,768	4,483*	21,312*	26,825*	Georgia
Idaho	-	103,019*	103,019*	-	130	130	-	1	1	-	-	-	2,013	103,150*	105,163*	Idaho
Illinois	2,173	40,030*	42,203*	-	7,439	7,439	-	191	191	335	586	586	2,173	48,216*	50,419*	Illinois
Indiana	1,450	17,562*	19,012*	-	6,162	6,162	-	-	-	8	1,229	1,564	1,785*	24,953*	26,738*	Indiana
Iowa	-	-	-	-	100	100	-	142	142	-	518	1,716	8	1,958	1,966	Iowa
Kansas	-	-	-	-	6,589	6,589	-	3,093	3,093	-	721	537	24	10,859*	10,883*	Kansas
Kentucky	1,375*	102,559*	103,934*	-	5,310	5,310	-	-	-	19	753	1,474	2,096*	108,602*	109,677*	Kentucky
Louisiana	-	67	67	-	332	332	-	2	2	-	-	-	-	401	401	Louisiana
Maine	-	-	-	-	1,426	1,426	-	5	5	-	-	-	-	1,431	1,431	Maine
Maryland	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Maryland
Massachusetts	5,149	551,783*	557,232*	-	10,992	10,992	-	481	481	-	508	500	5,449	563,274*	568,723*	Massachusetts
Michigan	3,162	139,169*	142,621*	-	1,030	1,030	399	7,180	7,583	-	18	18	3,555	147,671*	151,226*	Michigan
Minnesota	2,105*	144,026*	146,131*	352	11,834	12,186	-	819	819	-	17	17	6,437*	156,696*	163,133*	Minnesota
Mississippi	1,381	67,626*	69,007*	-	357	357	-	61	61	-	2	2	1,381	68,006*	69,387*	Mississippi
Missouri	1,564	43,454*	45,020*	-	200	200	6	30	36	-	476	476	1,572	45,259*	46,821*	Missouri
Montana	45	29,974*	30,019*	-	-	-	-	519	519	-	-	-	45	30,969	31,014	Montana
Nebraska	45	317*	362*	-	-	-	-	-	-	-	-	-	45	317*	362*	Nebraska
Nevada	-	1,153*	1,153*	-	-	-	-	-	-	-	-	-	-	1,153*	1,153*	Nevada
New Hampshire	-	-	-	-	-	-	-	-	-	2	608	610	2	6,137*	6,139*	New Hampshire
New Jersey	576*	2,400*	2,976*	-	3,161	3,161	-	-	-	-	-	-	576*	6,137*	6,139*	New Jersey
New Mexico	-	-	-	-	5,289	5,289	-	55	55	-	2,451	2,456	2	7,988	8,000	New Mexico
New York	2,219*	10,143*	12,362*	-	8,666	8,666	5	1,143	1,148	48	149	197	2,272*	20,121*	22,393*	New York
North Carolina	1,037	11,773*	12,810*	-	967	967	-	-	-	100	301	401	1,137	17,714*	18,851*	North Carolina
North Dakota	-	-	-	-	5,600	5,600	-	-	-	-	-	-	-	5,757*	5,757*	North Dakota
Ohio	-	-	-	-	5,700	5,700	-	-	-	-	-	-	-	137,066*	137,066*	Ohio
Oklahoma	20,310*	108,250*	128,604*	-	4,696*	4,696*	-	28,772*	33,408*	-	-	-	24,946*	162,012*	186,958*	Oklahoma
Oregon	368	17,509*	17,877*	-	3,949	3,949	-	21	21	-	125	125	368	21,992*	22,360*	Oregon
Pennsylvania	-	-	-	-	403	403	-	-	-	-	-	-	-	423	423	Pennsylvania
Rhode Island	271	18,420	18,691*	-	16,432	16,432	-	1,545	1,545	10,478	37,952	48,440	10,749	73,828	84,577	Rhode Island
South Carolina	841*	32,449*	33,260*	-	42	42	-	-	-	-	-	-	841*	32,491*	33,332*	South Carolina
South Dakota	105	5,607	5,712*	-	16,765	16,765	-	175	175	911	40,764	41,675	1,016	63,311*	64,327*	South Dakota
Tennessee	421	49,405	49,826	-	941	941	-	-	-	1,885	3,366	5,451	2,306	53,512	55,818	Tennessee
Texas	40	4,020	4,060	-	-	-	-	-	-	-	-	-	10	4,020	4,030	Texas
Utah	80	1,326	1,406	-	-	-	-	-	-	-	-	-	80	1,326	1,406	Utah
Vermont	405	4,053	4,458	-	3,655	3,655	-	499	499	110	305	415	515	8,512	9,027	Vermont
Virginia	12,459*	128,600*	141,059*	-	732	732	-	5,940	5,940	-	2,624	2,624	12,459*	137,164*	149,623*	Virginia
Washington	90	15,843	15,933	-	9,445	9,445	108*	2,882	2,990	-	316	319	90	16,575	16,665	Washington
West Virginia	1,430	224,552*	225,982*	-	311	311	10	1,558	1,568	3	-	-	1,541	236,895*	238,436*	West Virginia
Wisconsin	101	7,444*	7,545*	-	179,715	179,715	-	526	526	-	-	-	111	9,283*	9,394*	Wisconsin
Wyoming	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Wyoming
Total Cont. U. S.	85,144*	2,099,944*	2,185,088*	-	1,797,715	1,797,715	-	5,193*	5,193*	15,604	122,134	137,738	106,467*	2,161,371*	2,267,838*	Total Cont. U. S.
Hawaii	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Hawaii
Puerto Rico	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Puerto Rico
GRAND TOTAL	85,144*	2,112,650*	2,197,794*	-	1,797,715	1,797,715	-	5,193*	5,193*	15,604	122,134	137,738	106,467*	2,161,371*	2,267,838*	GRAND TOTAL

* Includes acres of planting by direct seeding, both aerial and hand methods, as follows:

National Forests				U.S.D.I. (O&C, and CEWR lands)			
State	1957	Prev. Years	Total to date	State	1957	Prev. Years	Total to date
Alabama	157	26	183	Alabama	-	-	-
Arizona	1,583	549	2,132	Arizona	-	-	-
California	71	6,031	6,102	California	-	-	-
Colorado	244	2,803	3,047	Colorado	-	-	-
Florida	38	633	671	Florida	-	-	-
Georgia	38	0	38	Georgia	-	-	-
Iowa	-	1,388	1,388	Iowa	-	-	-
Illinois	-	1,780	1,780	Illinois	-	-	-
Indiana	-	-	-	Indiana	-	-	-
Kentucky	-	-	-	Kentucky	-	-	-
Louisiana	-	-	-	Louisiana	-	-	-
Michigan	-	-	-	Michigan	-	-	-
Minnesota	-	-	-	Minnesota	-	-	-
Mississippi	-	-	-	Mississippi	-	-	-
Missouri	-	-	-	Missouri	-	-	-
Montana	-	-	-	Montana	-	-	-
Nebraska	-	-	-	Nebraska	-	-	-
Nevada	-	-	-	Nevada	-	-	-
New Hampshire	-	-	-	New Hampshire	-	-	-
New Mexico	-	-	-	New Mexico	-	-	-
New York	-	-	-	New York	-	-	-
North Carolina	-	-	-	North Carolina	-	-	-
North Dakota	-	-	-	North Dakota	-	-	-
Ohio	-	-	-	Ohio	-	-	-
Oklahoma	-	-	-	Oklahoma	-	-	-
Oregon	-	-	-	Oregon	-	-	-
Pennsylvania	-	-	-	Pennsylvania	-	-	-
Rhode Island	-	-	-	Rhode Island	-	-	-
South Carolina	-	-	-	South Carolina	-	-	-
South Dakota	-	-	-	South Dakota	-	-	-
Tennessee	-	-	-	Tennessee	-	-	-
Texas	-	-	-	Texas	-	-	-
Utah	-	-	-	Utah	-	-	-
Vermont	-	-	-	Vermont	-	-	-
Virginia	-	-	-	Virginia	-	-	-
Washington	-	-	-	Washington	-	-	-
West Virginia	-	-	-	West Virginia	-	-	-
Wisconsin	-	-	-	Wisconsin	-	-	-
Wyoming	-	-	-	Wyoming	-	-	-
Total Cont. U. S.	-	-	-	Total Cont. U. S.	-	-	-
Hawaii	-	-	-	Hawaii	-	-	-
Puerto Rico	-	-	-	Puerto Rico	-	-	-
GRAND TOTAL	-	-	-	GRAND TOTAL	-	-	-

Table 2

FOREST PLANTING UNDERTAKEN ON NON-FEDERAL PUBLIC LAND (EXCLUSIVE OF WINDBARRIER PLANTING)

July 1, 1956 - June 30, 1957

Areas in acres

State	State Forest Land				State Agencies Town, Boroughs, Counties and Public Schools				Other Public Agencies				Total			
	State Forest Land				Other State Lands				Other Public Agencies				Total			
	Current Year	Previous Years	Total	Current Year	Previous Years	Total	Current Year	Previous Years	Total	Current Year	Previous Years	Total	Current Year	Previous Years	Total	State
Alabama	14	995	1,009	91	2,723	2,814	278	698	976	383	4,416	4,799	Alabama			Alabama
Arizona	-	-	-	-	-	-	-	-	-	-	-	-	Arizona			Arizona
Arkansas	53	245	298	181	114	823	20	529	549	20	643	663	Arkansas			Arkansas
California	-	-	-	-	642	823	30	128	158	264	1,015	1,279	California			California
Colorado	5	-	-	-	5	5	-	155	155	-	160	160	Colorado			Colorado
Connecticut	11	10,258	10,269	2	648	650	3	3,593	3,596	10	14,499	14,509	Connecticut			Connecticut
Delaware	5	350	361	1	74	75	79	205	205	12	15,729	15,741	Delaware			Delaware
Florida	1,544	11,592	13,136	1,386	2,575	3,961	79	1,585	1,664	3,002	15,752	18,761	Florida			Florida
Georgia	666	3,123	3,789	329	4,192	4,521	-	4,891	4,891	995	13,261	13,261	Georgia			Georgia
Idaho	13	73	86	8	695	703	10	110	120	31	1,868	1,899	Idaho			Idaho
Illinois	84	4,688	4,772	251	5,550	5,801	315	3,571	3,886	650	13,809	14,459	Illinois			Illinois
Indiana	178	21,468	21,646	163	3,370	3,533	8	644	652	349	25,502	25,851	Indiana			Indiana
Iowa	75	2,175	2,250	10	5,446	5,456	-	371	371	85	7,992	8,077	Iowa			Iowa
Kansas	-	-	-	-	4,000	4,000	-	-	-	-	4,000	4,000	Kansas			Kansas
Kentucky	254	1,362	1,616	-	411	411	4	393	397	258	2,166	2,424	Kentucky			Kentucky
Louisiana	-	5,353	5,353	-	445	445	-	6,107	6,107	-	11,905	11,905	Louisiana			Louisiana
Maine	-	322	322	5	133	138	62	850	912	67	1,305	1,372	Maine			Maine
Maryland	528	2,805	3,333	60	594	654	85	2,689	2,774	673	6,088	6,761	Maryland			Maryland
Massachusetts	24	32,178	32,202	16	12,898	12,914	62	16,965	17,027	102	61,981	62,083	Massachusetts			Massachusetts
Michigan	11,057	292,170	303,807	179	20,447	20,626	401	17,783	18,184	11,537	330,980	342,617	Michigan			Michigan
Minnesota	2,923	44,893	47,816	1,152	21,613	22,765	2,401	13,025	15,426	6,476	79,531	86,007	Minnesota			Minnesota
Mississippi	20	2,663	2,683	99	1,245	1,344	-	523	523	119	4,431	4,550	Mississippi			Mississippi
Missouri	98	4,652	4,750	110	1,380	1,490	-	65	65	208	6,097	6,305	Missouri			Missouri
Montana	22	65	87	3	9	12	-	-	-	25	74	99	Montana			Montana
Nebraska	-	200	200	-	576	576	-	870	870	-	1,646	1,646	Nebraska			Nebraska
Nevada	-	-	-	2	15	17	-	-	-	2	15	17	Nevada			Nevada
New Hampshire	23	8,027	8,050	13	206	219	16	4,492	4,508	52	12,725	12,777	New Hampshire			New Hampshire
New Jersey	2	11,284	11,286	290	883	1,173	-	1,551	1,551	292	13,718	14,010	New Jersey			New Jersey
New Mexico	-	-	-	-	-	-	-	-	-	-	-	-	New Mexico			New Mexico
New York	3,660	400,790	404,450	465	25,923	26,388	671	95,822	96,493	4,796	522,535	527,331	New York			New York
North Carolina	24	1,993	2,017	167	3,154	3,321	411	2,264	2,675	602	7,411	8,013	North Carolina			North Carolina
North Dakota	-	-	-	-	-	-	-	-	-	-	-	-	North Dakota			North Dakota
Ohio	493	13,591	14,084	615	6,625	7,240	436	16,730	17,166	1,544	36,946	38,490	Ohio			Ohio
Oklahoma	14,075*	78,949*	93,024*	69	701	766	22	109	131	27	810	837	Oklahoma			Oklahoma
Pennsylvania	817	61,342	62,159	304	13,562	13,866	303	13,675	13,978	1,424	88,579	90,003	Pennsylvania			Pennsylvania
Rhode Island	25	3,637	3,662	-	513	513	12	6,844	6,856	37	10,994	11,031	Rhode Island			Rhode Island
South Carolina	579	12,029	12,608	925	8,320	9,245	52	1,617	1,669	1,556	21,966	23,522	South Carolina			South Carolina
South Dakota	22	391	413	144	1,692	1,836	-	-	-	166	2,083	2,249	South Dakota			South Dakota
Tennessee	221	25,508	25,729	77	1,095	1,172	8	766	774	306	27,369	27,675	Tennessee			Tennessee
Texas	41	575	616	40	478	518	-	2,016	2,016	81	3,069	3,150	Texas			Texas
Utah	-	-	-	-	40	40	-	-	-	-	40	40	Utah			Utah
Vermont	1	3,369	3,370	26	344	370	82	3,989	4,071	109	7,702	7,811	Vermont			Vermont
Virginia	282	2,214	2,496	9	670	679	31	954	985	322	3,838	4,160	Virginia			Virginia
Washington	5,054*	46,592*	51,646*	0	290	290	195	6,524	6,719	5,243*	53,406*	58,655*	Washington			Washington
West Virginia	2	1,835	1,837	40	861	901	8	529	537	50	3,225	3,275	West Virginia			West Virginia
Wisconsin	653	52,417	53,070	198	3,753	3,951	4,474	150,387	151,861	5,325	206,457	211,882	Wisconsin			Wisconsin
Wyoming	-	-	-	-	-	-	-	-	-	-	-	-	Wyoming			Wyoming
Total Cont. U.S.	43,543*	1,166,753*	1,210,296*	7,435	159,973	167,408	13,019*	385,021	398,040*	63,997*	1,711,747*	1,775,744*	Total Cont. U.S.			Total Cont. U.S.
Hawaii	200	36,469	36,669	9	151	160	-	153	153	209	36,773	36,982	Hawaii			Hawaii
Puerto Rico	239	21,331	21,570	-	3,574	3,574	4	468	472	243	25,373	25,616	Puerto Rico			Puerto Rico
GRAND TOTAL	43,982*	1,224,553*	1,268,535*	7,444	163,698	171,142	13,023*	385,612	398,665*	64,449*	1,773,893*	1,838,342*	GRAND TOTAL			GRAND TOTAL

* Includes direct seeding as below.

Oregon	8,240	35,789	44,029	-	-	-	-	-	-	-	-	-	Oregon			Oregon
Washington	414	1,596	2,010	-	-	-	-	-	-	-	-	-	Washington			Washington

Table 3

1957

FOREST PLANTING UNDERTAKEN ON PRIVATELY OWNED LAND (EXCLUSIVE OF WINDBARRIER PLANTING)

July 1, 1956 - June 30, 1957

Areas in acres

State	Persons, Clubs, Associations, and Private School Land			Forest Industry Land			Other Industry Land (Mining, RR., Water, Power Cos.)			Total - Table 3		
	Current Year	Previous Years	Total	Current Year	Previous Years	Total	Current Year	Previous Years	Total	Current Year	Previous Years	Total
Alabama	47,400	145,764	193,164	23,044	110,063	133,107	1,466	14,714	16,210	71,910	270,571	342,481
Arizona	-	1,444	1,444	-	-	-	-	-	-	-	1,444	1,444
Arkansas	9,119	48,965	58,104	11,101	78,066	89,161	110	3,794	3,904	20,350	130,819	151,169
California	839	11,636	12,475	194	28,491*	28,685*	40	221	261	1,073	40,348*	41,421*
Colorado	23	3,255	3,278	-	-	-	-	-	-	23	3,255	3,278
Connecticut	75	18,910	19,695	-	-	-	25	8,617	8,642	810	27,527	28,337
Delaware	321	2,462	2,783	72	15	87	-	-	-	393	2,530	2,923
Florida	115,442	282,463	397,905	75,025	256,733	331,758	19,270	44,133	63,703	209,737	589,629	799,366
Georgia	47,019	415,904	462,923	36,627	290,024	326,651	1,494	10,409	12,103	85,170	746,537	801,707
Idaho	115	2,560	2,705	263	117	380	4	36	40	412	2,433	2,845
Illinois	7,060	48,877	55,937	-	-	-	517	20,023	20,570	7,607	68,900	76,507
Indiana	2,370	34,211	36,581	27	654	681	1,336	30,216	31,552	3,733	65,081	68,814
Iowa	1,174	262,041	263,215	25	115	170	-	396	396	1,199	262,582	263,781
Kansas	45	25,060	25,105	-	-	-	-	-	-	45	25,060	25,105
Kentucky	8,737	28,878	37,615	70	401	471	308	6,611	6,919	9,115	35,890	45,005
Louisiana	35,255	126,617	161,872	25,308*	342,433*	367,741*	13,432	33,196	46,628	73,995*	502,246*	576,241*
Maine	884	11,112	11,996	73	10,479	10,552	4	1,133	1,137	961	22,724	23,855
Maryland	2,084	33,261	35,345	380	2,750	3,130	73	1,238	1,311	2,537	37,255	39,792
Massachusetts	32,581	31,201	63,782	22	3,247	3,269	-	713	713	642	36,511	37,183
Michigan	36,819	238,338	275,157	510	2,584	3,094	1,761	17,077	18,838	39,090	257,999	297,089
Minnesota	7,156	111,351	118,507	1,180	10,131	11,311	96	261	357	8,132	121,716	130,178
Mississippi	60,454	279,179	339,633	11,691	107,551	119,242	-	5,360	5,360	72,115	392,090	464,235
Missouri	23,984	23,100	47,084	5	238	243	-	488	488	2,989	23,826	26,815
Montana	40	520	560	115	819	934	-	-	-	1,339	1,464	1,803
Nebraska	550	12,708	13,258	-	1,400	1,400	-	1,543	1,543	550	15,651	16,201
Nevada	20	-	20	-	-	-	-	-	-	20	-	-
New Hampshire	1,115	25,167	26,282	16	2,834	2,850	-	1,117	1,125	1,139	29,118	30,257
New Jersey	422	25,878	26,300	-	112	112	17	7,130	7,117	439	32,698	33,137
New Mexico	-	2,093	2,093	-	-	-	-	-	-	-	2,093	2,093
New York	27,107	431,666	458,773	193	7,298	7,491	300	22,918	23,218	27,600	461,912	489,512
North Carolina	27,434	88,081	115,515	27,016	51,996	79,012	1,405	14,224	15,629	55,885	154,301	210,186
North Dakota	-	2,000	2,000	-	-	-	-	-	-	-	2,000	2,000
Ohio	5,718	112,578	118,296	255	1,536	1,791	5,735	36,868	42,603	11,738	150,982	162,720
Oklahoma	2,450	30,330	31,380	428	7,202	7,630	130	130	130	2,878	38,262	40,110
Oregon	20,990	22,828	43,818	14,575*	77,632*	92,207*	151	642	793	16,564*	99,264*	115,828*
Pennsylvania	25,000	266,540	291,540	13,694	25,445	39,339	10,000	107,370	117,970	48,994	399,955	448,949
Rhode Island	327	21,758	22,085	-	-	-	-	-	-	-	21,758	22,085
South Carolina	31,010	190,337	221,347	21,086	93,714	114,800	1,411	17,276	18,687	53,507	301,357	354,864
South Dakota	23	15,802	15,825	-	-	-	2	-	-	2	15,802	15,825
Tennessee	21,790	233,191	254,981	14,328	18,992	33,320	808	2,490	3,298	36,926	232,889	269,809
Texas	14,679	80,924	95,603	8,268	85,219	93,487	160	1,117	1,277	23,107	167,260	190,367
Utah	4	500	504	-	-	-	1	13	14	5	513	518
Vermont	15,557	25,512	41,069	162	3,398	3,560	77	2,027	2,104	2,183	30,937	33,120
Virginia	42,910	58,467	101,377	15,573	49,013	64,586	305	1,360	1,665	91,283	124,718	135,931
Washington	951	11,978	12,929	4,551	113,187	117,738	-	-	-	5,502	125,165	130,667
West Virginia	3,711	29,377	33,118	110	154	264	227	1,769	1,996	4,108	31,300	35,008
Wisconsin	27,579	196,957	224,536	4,388	40,603	44,991	114	1,094	1,118	32,081	238,594	270,675
Wyoming	-	-	-	-	-	-	-	-	-	-	-	-
Total Cont. U.S.	596,084*	4,034,160	4,630,244*	310,635*	1,824,703*	2,135,338*	60,687	418,877	479,564	967,406	6,277,740*	7,245,146
Hawaii	102	7,199	7,301	1	-	-	174	53,885	54,059	277	61,084	61,361
Puerto Rico	832	61,999	62,831	-	-	-	-	616	616	832	62,615	63,447
GRAND TOTAL	597,018*	4,103,358	4,700,376*	310,636*	1,824,703*	2,135,339*	60,861	473,378	534,239	968,915	6,401,439*	7,369,954

* Includes direct seeding as below.

California
Louisiana
Oregon

510
1,348
16,611

510
1,348
16,611

510
1,348
16,611

510
1,348
16,611

WINDBARRIER PLANTING UNDERTAKEN ON ALL OWNERSHIP OF LAND (EXCLUSIVE OF FOREST PLANTING)

July 1, 1956 - June 30, 1957

Areas in acres

State	Federal Lands			Other Public (Non-Federal) Lands			Privately-Owned Lands			Total - Table 4		Acres in a Mile*	State
	Current Year	Previous Years	Total	Current Year	Previous Years	Total	Current Year	Previous Years	Total	Current Year	Previous Years	Total	
Alabama	-	78	78	-	-	-	-	-	-	-	78	78	Alabama
Arizona	419	4,476	4,895	-	-	-	8	1,032	1,040	427	5,508	5,935	Arizona
Arkansas	62	233	295	-	-	-	118	5,115	5,233	180	5,348	5,528	Arkansas
California	15	47	62	-	-	-	1,066	21,674	22,740	1,081	21,721	22,802	California
Colorado	-	-	-	-	-	-	-	-	-	-	-	-	Colorado
Connecticut	-	-	-	-	-	-	-	-	-	-	-	-	Connecticut
Delaware	-	-	-	-	-	-	-	-	-	-	-	-	Delaware
Florida	200	250	450	-	-	-	-	-	-	200	250	450	Florida
Georgia	-	4	4	-	-	-	-	-	-	-	-	-	Georgia
Idaho	-	52	52	-	-	-	340	7,097	7,437	340	7,419	7,759	Idaho
Illinois	-	1	1	-	-	-	-	2,400	2,400	-	2,401	2,401	Illinois
Indiana	55	-	55	-	-	-	620	12,259	12,879	675	12,259	12,934	Indiana
Iowa	-	8	8	-	-	-	5	28,059	28,064	5	28,067	28,072	Iowa
Kansas	-	17	17	-	-	-	1,558	205,660	207,218	1,558	205,677	207,235	Kansas
Kentucky	-	-	-	-	-	-	-	55	55	-	55	55	Kentucky
Louisiana	-	-	-	-	-	-	-	-	-	-	-	-	Louisiana
Maine	-	-	-	-	-	-	-	-	-	-	-	-	Maine
Maryland	-	-	-	-	-	-	15	25	40	16	25	41	Maryland
Massachusetts	-	-	-	1	-	1	-	-	-	-	-	-	Massachusetts
Michigan	-	1	1	-	-	-	86	6,803	6,889	86	6,804	6,890	Michigan
Minnesota	10	44	54	-	-	-	-	15,850	15,850	10	15,894	15,904	Minnesota
Mississippi	8	-	8	-	-	-	-	-	-	8	-	8	Mississippi
Missouri	8	180	188	-	-	-	30	1,948	1,978	38	2,128	2,166	Missouri
Montana	-	393	393	-	-	-	537	13,005	13,542	537	13,598	13,935	Montana
Nebraska	72	592	664	-	-	-	4,365	302,535	306,900	4,437	307,127	307,564	Nebraska
Nevada	-	10	10	10	12	22	58	519	577	68	541	609	Nevada
New Hampshire	-	-	-	-	-	-	-	-	-	-	-	-	New Hampshire
New Jersey	-	-	-	-	-	-	-	-	-	-	-	-	New Jersey
New Mexico	5	3,096	3,231	-	-	-	69	3,288	3,357	204	6,384	6,588	New Mexico
New York	-	8	8	-	-	-	-	-	-	-	-	-	New York
North Carolina	20	52	72	-	-	-	-	-	-	20	52	72	North Carolina
North Dakota	23	1,600	1,623	-	311	311	9,615	99,138	108,753	9,638	101,049	110,687	North Dakota
Ohio	-	9	9	-	-	-	52	2,134	2,186	52	2,183	2,195	Ohio
Oklahoma	212	96	308	7	154	161	434	57,647	58,081	653	57,897	58,550	Oklahoma
Oregon	-	72	72	-	-	-	8	6	14	-	-	86	Oregon
Pennsylvania	-	10	10	-	-	-	-	-	-	-	10	10	Pennsylvania
Rhode Island	-	-	-	-	-	-	-	-	-	-	-	-	Rhode Island
South Carolina	-	1	1	-	-	-	-	-	-	-	1	1	South Carolina
South Dakota	121	1,651	1,772	-	4,075	4,193	8,002	94,693	102,695	8,241	100,419	108,660	South Dakota
Tennessee	-	54	54	-	-	-	-	-	-	-	54	54	Tennessee
Texas	270	147	417	-	-	-	260	28,136	28,396	530	28,283	28,813	Texas
Utah	25	353	378	3	40	43	94	2,212	2,306	122	2,605	2,727	Utah
Vermont	-	-	-	-	-	-	-	-	-	-	-	-	Vermont
Virginia	-	-	-	-	-	-	26	106	132	26	106	132	Virginia
Washington	20	17	37	-	-	-	928	6,581	7,509	948	6,598	7,546	Washington
West Virginia	-	-	-	-	-	-	-	-	-	-	-	-	West Virginia
Wisconsin	5	10	15	-	-	-	639	7,600	7,600	5	7,610	7,615	Wisconsin
Wyoming	300	374	674	53	308	361	-	8,738	9,377	992	9,420	10,412	Wyoming
Total Cont. U. S.	1,985	13,936	15,921	192	4,900	5,092	28,933	934,315	963,248	31,110	953,151	984,261	Total Cont. U. S.
Hawaii	-	-	-	3	-	3	186	855	1,041	189	855	1,044	Hawaii
Puerto Rico	-	-	-	-	-	-	260	408	668	260	408	668	Puerto Rico
GRAND TOTAL	1,985	13,936	15,921	195	4,900	5,095	29,379	935,578	964,957	31,559	954,414	985,973	GRAND TOTAL

*Actually there is no "standard width" for a windbarrier because each windbarrier must be designed to the site and purpose, and thus may vary from a single row of trees to 12 or more rows of trees and shrubs. The figure given in this column therefore is for a commonly used width for such planting in the state named.

Table 5

SUMMARY OF TREE PLANTING UNDERTAKEN

July 1, 1956 - June 30, 1957

Areas in acres

State	FOREST PLANTING				TABLE 2 Other Public (Non-Federal) Acres Planted				TABLE 3 Private Acres Planted				TABLE 4 All Owners Windbarrier Acres Planted				GRAND TOTAL			
	TABLE 1 Federal Acres Planted				TABLE 2 Other Public (Non-Federal) Acres Planted				TABLE 3 Private Acres Planted				TABLE 4 All Owners Windbarrier Acres Planted				GRAND TOTAL			
	TABLE 1 Federal Acres Planted				TABLE 2 Other Public (Non-Federal) Acres Planted				TABLE 3 Private Acres Planted				TABLE 4 All Owners Windbarrier Acres Planted				GRAND TOTAL			
	Current Year	Previous Years	Total		Current Year	Previous Years	Total		Current Year	Previous Years	Total		Current Year	Previous Years	Total		Current Year	Previous Years	Total	State
Alabama	813	73,724	74,537	4,416	383	4,799	71,940	270,571	342,481	78	5,508	73,106	348,789	421,895	Alabama					
Arizona	192	6,776	6,968	-	-	-	20,350	130,819	151,169	427	-	20,413	131,266	151,693	Arizona					
Arkansas	43	24,078	24,121	643	20	663	20,350	130,819	151,169	-	-	20,413	131,266	151,693	Arkansas					
California	7,979	58,596	66,575	1,015	264	1,279	1,073	40,348	41,421	180	5,348	9,496	105,307	114,803	California					
Colorado	359	69,946	70,305	160	-	160	23	3,285	3,278	-	-	1,081	21,721	22,802	Colorado					
Connecticut	-	650	650	14,499	10	14,509	810	27,527	28,337	-	-	820	42,676	43,496	Connecticut					
Delaware	-	100	100	629	12	641	393	1,510	1,522	-	-	405	3,459	3,664	Delaware					
Florida	5,944	40,961	46,905	15,752	3,009	18,761	209,737	583,669	793,366	200	250	218,860	640,592	859,452	Florida					
Georgia	2,013	21,342	23,355	12,202	995	13,201	85,170	716,537	801,707	340	7,449	94,648	750,089	811,737	Georgia					
Idaho	-	103,150	105,163	868	31	899	442	2,743	3,125	-	-	2,796	113,880	116,676	Idaho					
Illinois	2,173	48,246	50,419	13,809	650	14,459	7,607	68,900	76,507	-	2,401	10,130	133,356	143,786	Illinois					
Indiana	1,785	24,953	26,738	349	85	3,733	3,733	68,814	68,814	675	12,259	6,542	127,737	134,337	Indiana					
Iowa	8	1,858	1,866	7,992	85	8,077	1,199	262,582	263,781	5	28,067	1,297	300,499	301,796	Iowa					
Kansas	-	100	100	4,000	-	4,000	45	25,060	25,105	1,558	205,677	1,603	234,827	236,430	Kansas					
Kentucky	24	10,899	10,923	2,424	258	2,682	9,115	35,890	45,005	-	-	9,397	48,940	58,337	Kentucky					
Louisiana	2,096	108,602	110,698	11,905	-	11,905	73,995	502,246	576,241	-	-	76,091	622,753	698,844	Louisiana					
Maine	-	401	401	1,305	67	1,372	961	22,724	23,685	-	-	1,028	24,430	25,458	Maine					
Maryland	-	1,431	1,431	6,088	102	6,190	2,537	37,225	39,792	16	25	3,226	44,799	48,025	Maryland					
Massachusetts	-	500	500	6,981	102	7,482	642	36,511	37,183	-	-	744	99,022	99,766	Massachusetts					
Michigan	5,449	563,274	568,723	11,637	11,637	330,980	342,617	39,090	287,999	297,089	86	6,804	56,262	1,215,319	Michigan					
Minnesota	3,555	147,671	151,226	6,476	208	79,531	86,007	8,432	121,716	130,178	10	15,894	18,473	383,315	Minnesota					
Mississippi	6,457	156,696	163,153	119	119	4,550	72,115	392,090	404,235	8	2,128	78,729	553,247	631,946	Mississippi					
Missouri	1,381	66,665	68,046	6,097	208	6,997	2,989	23,826	26,815	38	2,166	4,616	98,716	103,332	Missouri					
Montana	1,572	43,687	45,259	74	25	74	125	1,339	1,464	537	13,998	2,259	58,498	60,757	Montana					
Nebraska	45	30,969	31,014	1,646	2	1,646	550	15,651	16,201	4,437	303,127	5,032	351,393	356,425	Nebraska					
Nevada	45	317	362	15	2	17	20	29,118	30,257	68	541	135	42,996	43,537	Nevada					
New Hampshire	-	1,153	1,153	12,725	52	12,777	1,139	32,698	33,837	-	-	1,191	42,996	44,187	New Hampshire					
New Jersey	2	668	670	13,718	292	14,010	439	32,698	33,837	5	5	738	47,024	47,762	New Jersey					
New Mexico	576	5,561	6,137	-	-	-	-	2,093	2,093	204	6,384	780	14,038	14,818	New Mexico					
New York	2	7,998	8,000	522,535	4,796	527,331	27,600	461,912	489,512	-	-	32,998	922,453	1,024,951	New York					
North Carolina	2,272	20,121	22,393	7,411	602	8,013	55,885	154,301	210,186	72	52	58,779	181,885	240,664	North Carolina					
North Dakota	-	967	967	36,946	-	38,490	2,000	2,000	2,000	20	9,638	9,638	104,016	113,654	North Dakota					
Ohio	1,137	17,714	18,851	810	1,544	897	11,738	150,982	162,720	52	2,443	14,471	207,795	222,256	Ohio					
Oklahoma	-	5,757	5,757	16,684	27	17,003	2,878	38,262	41,110	653	57,897	3,558	102,726	106,284	Oklahoma					
Oregon	24,946	137,056	162,002	21,992	16,684	97,748	16,564	99,925	99,925	8	-	58,202	317,472	375,674	Oregon					
Pennsylvania	388	21,604	21,992	423	1,424	88,579	90,003	18,894	399,925	448,819	-	-	50,706	510,118	Pennsylvania					
Rhode Island	-	423	423	10,994	37	11,031	327	22,758	22,085	-	10	364	33,176	33,540	Rhode Island					
South Carolina	10,749	73,828	84,577	21,992	1,556	23,552	53,507	301,357	354,864	-	-	65,812	337,151	402,963	South Carolina					
South Dakota	811	32,431	33,272	166	1,666	2,022	25	15,802	15,827	8,241	100,419	9,273	150,735	160,008	South Dakota					
Tennessee	1,016	63,311	64,327	3,069	306	27,675	36,926	232,883	269,809	54	-	38,248	323,617	361,865	Tennessee					
Texas	2,306	53,512	55,818	3,069	81	3,150	23,107	167,260	190,367	28,613	28,283	26,024	252,124	278,118	Texas					
Utah	10	4,020	4,030	40	5	40	5	513	518	122	2,605	7,227	7,188	7,325	Utah					
Vermont	80	1,326	1,406	7,702	109	7,811	2,183	30,937	33,120	-	-	2,372	39,965	42,337	Vermont					
Virginia	515	8,532	9,047	3,838	322	4,160	31,435	33,283	124,718	132	106	23,298	105,739	138,037	Virginia					
Washington	12,499	137,144	149,643	5,249	50	58,655	5,502	125,165	130,667	948	6,598	24,198	322,333	346,531	Washington					
West Virginia	90	16,575	16,665	3,225	-	3,225	4,108	31,300	35,408	-	-	4,248	51,100	55,348	West Virginia					
Wisconsin	1,541	236,895	238,436	5,325	50	211,882	32,081	238,594	270,675	7,615	7,610	38,952	689,656	728,608	Wisconsin					
Wyoming	111	9,263	9,374	-	-	-	-	-	-	-	9420	1,103	18,703	19,806	Wyoming					
Total Cont. U. S.	106,467	2,461,371	2,567,838	1,711,747	63,997	1,775,744	967,406	6,277,740	7,245,446	31,110	953,451	1,146,986	11,404,009	12,572,989	Total Cont. U. S.					
Hawaii	-	-	-	36,773	209	36,982	277	61,084	61,361	189	855	675	98,712	99,387	Hawaii					
Puerto Rico	-	-	-	25,373	243	25,616	892	62,615	63,447	260	408	1,335	101,102	102,437	Puerto Rico					
GRAND TOTAL	106,467	2,474,077	2,580,544	1,773,893	64,449	1,838,342	968,512	6,401,439	7,369,954	31,559	954,414	1,170,590	11,603,823	12,774,813	GRAND TOTAL					

1957

Table 6

FOREST AND WINDBARRIER STOCK DISTRIBUTED BY THE STATES

July 1, 1956 - June 30, 1957

State	Distribution (By the State within the State)			Production (At the State Nurseries)		
	Clarke-McNary Program Only		Average price Charged	Nurseries Shipping Trees in 1957		Quantities Shipped to Field Planting by All Programs
	Quantities Shipped	All Programs Combined		Quantities Shipped	Quantities Shipped	
Alabama	48,293,000	72,428,000	3.01	3	61,478,000	Alabama
Arizona	No program	-	-	-	-	Arizona
Arkansas	18,252,000	20,370,000	3.00	1	20,370,000	Arkansas
California	1,229,000*	1,855,000	9.73	4	1,855,000	California
Colorado	426,000	462,000	28.95	1	215,000	Colorado
Connecticut	722,000	820,000	20.00	1	657,000	Connecticut
Delaware	453,000	492,000	None	1	492,000	Delaware
Florida	136,897,000	146,468,000	4.00	3	155,272,000	Florida
Georgia	80,836,000	82,252,000	3.63	4	78,952,000	Georgia
Idaho	345,000	353,000	15.54	1	345,000	Idaho
Illinois	8,257,000	9,278,000	11.94	2	9,278,000	Illinois
Indiana	6,825,000	13,413,000	13.13	3	13,345,000	Indiana
Iowa	1,284,000	1,284,000	19.27	1	660,000	Iowa
Kansas	497,000	592,000	38.25	0	-	Kansas
Kentucky	8,929,000	9,329,000	7.02	2	4,179,000	Kentucky
Louisiana	51,425,000	51,425,000	3.50	2	42,867,000	Louisiana
Maine	1,013,000	1,013,000	10.00	1	291,000	Maine
Maryland	3,106,000	3,106,000	Free	1	3,106,000	Maryland
Massachusetts	744,000	744,000	23.25	3	744,000	Massachusetts
Michigan	5,144,000	28,447,000	11.53	6	26,028,000	Michigan
Minnesota	14,909,000	14,909,000	9.36	3	14,909,000	Minnesota
Mississippi	27,701,000	29,517,000	3.50	2	29,517,000	Mississippi
Missouri	3,377,000	4,188,000	5.74	1	4,188,000	Missouri
Montana	550,000	552,000	33.23	1	541,000	Montana
Nebraska	1,078,000	1,078,000	33.67	0	-	Nebraska
Nevada	(41,000)**	(41,000)	-	0	-	Nevada
New Hampshire	1,186,000	1,306,000	6.39	1	1,306,000	New Hampshire
New Jersey	731,000	1,072,000	16.39	1	1,072,000	New Jersey
New Mexico	No program	-	-	0	-	New Mexico
New York	30,776,000	30,776,000	2.92	2	30,776,000	New York
North Carolina	46,885,000	57,471,000	3.59	3	57,471,000	North Carolina
North Dakota	939,000	947,000	18.58	2	1,083,000	North Dakota
Ohio	11,746,000	15,769,000	10.32	3	15,039,000	Ohio
Oklahoma	1,945,000	2,397,000	5.75	2	2,397,000	Oklahoma
Oregon	6,592,000	6,592,000	9.02	1	6,592,000	Oregon
Pennsylvania	14,426,000	16,043,000	6.00	4	16,043,000	Pennsylvania
Rhode Island	153,000	153,000	15.16	1	39,000	Rhode Island
South Carolina	54,511,000	55,384,000	2.67	1	55,384,000	South Carolina
South Dakota	2,195,000	2,195,000	28.68	0	-	South Dakota
Tennessee	28,628,000	37,847,000	3.01	1	28,628,000	Tennessee
Texas	18,346,000	22,448,000	4.27	2	22,309,000	Texas
Utah	100,000*	133,000	28.15	1	104,000	Utah
Vermont	2,292,000	2,292,000	8.32	1	2,292,000	Vermont
Virginia	31,740,000	32,217,000	4.56	2	30,837,000	Virginia
Washington	1,325,000	11,427,000	8.89	3	11,427,000	Washington
West Virginia	3,904,000	4,346,000	11.65	1	4,646,000	West Virginia
Wisconsin	30,949,000	30,949,000	12.15	6	28,851,000	Wisconsin
Wyoming	212,000	212,000	25.57	0	-	Wyoming
Total Cont. U.S.	711,573,000	826,351,000	4.93	85	785,533,000	Total Cont. U.S.
Hawaii	264,000	270,000	Free	5	270,000	Hawaii
Puerto Rico	435,000	485,000	Free	2	485,000	Puerto Rico
GRAND TOTAL	712,272,000	827,106,000	4.92	92	786,288,000	GRAND TOTAL

* Includes 13,000 trees for California and 28,000 trees for Utah shipped to planting in Nevada.

** Distributed to Nevada planters by Utah and California C-M program.

